

Appl. No. : 09/581,651
Filed : October 10, 2000

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A recombinant polynucleotide encoding a polypeptide comprising the amino acid sequence VSIPPRNLGY (SEQ ID NO: 41) SEQ ID NO: 2 or a polynucleotide with at least 90% homology thereto,

wherein the polynucleotide has the following characteristics: at least one characteristic selected from the group consisting of:

(a) the polypeptide it encodes has at least 30% of the migration stimulation factor activity of a polypeptide having the amino acid sequence of SEQ ID NO:2; and wherein migration stimulation factor activity refers to ability to stimulate stimulation of adult skin fibroblast migration into collagen gel, and

(b) the polypeptide it encodes elicits antibodies that recognize migration stimulation factor, but does do not recognize fibronectin; and (c) polynucleotide can hybridize to a gene that encodes migration stimulation factor.

2. (Canceled)

3. (Canceled)

4. (Currently amended) A recombinant polynucleotide according to Claim 1, comprising the polynucleotide whose sequence is shown in Figure 1 (SEQ ID NO:3) of SEQ ID NO: 3.

5. (Currently amended) A recombinant polynucleotide according to Claim 1, comprising the polynucleotide whose sequence is shown in Figure 1 between set forth in SEQ ID NO: 3 at positions 57 and through 1982 (SEQ ID NO: 4).

6. (Canceled)

7. (Previously presented) A replicable vector comprising a polynucleotide as defined in Claim 1.

8. (Currently amended) An isolated host cell comprising a recombinant polynucleotide as defined in Claim 1 or a replicable vector comprising the polynucleotide.

9. (Currently amended) A method of making a polypeptide having at least 30% of the migration stimulation activity of the polypeptide having the amino acid sequence VSIPPRNLGY (SEQ ID NO: 41) or SEQ ID NO: 2 comprising culturing a host cell as defined in

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Claim 8 which expresses said polypeptide from said host cell culture comprising a polynucleotide according to Claim 1 and isolating the polypeptide.

Claims 10-28 (Canceled)

29. (Currently amended) A molecule which is a peptide consisting of a sequence selected from the group consisting of ~~ISKYILRWRPVSIPPRNLGY (SEQ ID NO: 5)~~, ~~QQWERTYLGNALVCTCYGCSR (SEQ ID NO: 6)~~, ~~PCVLPFTYNDRTDSTTSNYEQDQ (SEQ ID NO: 7)~~, ~~TDHTVLVQTRGGNSNGALCH (SEQ ID NO: 8)~~, and ~~EVGNNGRGEWTCLAYSQLRDQCI (SEQ ID NO: 9)~~ which are found in MSF SEQ ID NO: 5, SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, and SEQ ID NO: 9.

Claims 30-59. (Canceled)

PLEASE ADD NEW CLAIMS 60-61

60. (New) An isolated host cell comprising a replicable vector according to Claim 7.

61. (New) A method of making a polypeptide having at least 30% of the migration stimulation activity of the polypeptide having the amino acid sequence of SEQ ID NO: 2, comprising culturing a host cell according to Claim 60, and isolating the polypeptide.

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SUMMARY OF INTERVIEW

Identification of Claims Discussed

Claims 1, 4, 5, 7-9, 29, 60, and 61 were discussed.

Identification of Prior Art Discussed

Grey et al. (PNAS 1989 Apr; 86: 2438-2442) and Schor et al. (Cancer Res 2003 Dec; (24): 8827-8836) were discussed.

Proposed Amendments

Applicants proposed amending Claim 1 to recite a polynucleotide with at least a defined homology to specific native sequences.

Principal Arguments and Other Matters

In a previous Office Action, the Examiner agreed that a polynucleotide whose sequence is SEQ ID NO:2 is patentable. The Applicants agreed that slightly broader claims that are supported by the Specification should also be allowable.

Results of Interview

Applicants agreed to file the present Supplemental Amendment which would include amendments.